

Datasheet for ABIN6972433

## anti-NK2 Homeobox 5 antibody (N-Term)



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### 1 Image

#### Overview

|                      |                                               |
|----------------------|-----------------------------------------------|
| Quantity:            | 100 µL                                        |
| Target:              | NK2 Homeobox 5 (NKX2-5)                       |
| Binding Specificity: | N-Term                                        |
| Reactivity:          | Human                                         |
| Host:                | Rabbit                                        |
| Clonality:           | Polyclonal                                    |
| Conjugate:           | This NK2 Homeobox 5 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                         |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:       | This NKX2.5 antibody was raised against a peptide within the N-terminal region of human NKX2.5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype:         | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Characteristics: | The NKX2.5 (NK2 homeobox 5, CSX, Homeobox protein CSX, NKX2E, Homeobox protein NK-2 homolog E, NK2 transcription factor related, locus 5, CHNG5, cardiac-specific homeobox 1) gene encodes a homeobox-containing transcription factor that functions in heart formation and development. Alternative splicing results in multiple transcript variants. Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4. Also interacts with JARID2 which represses its ability to activate transcription of ANF. NKX2.5 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples. |

## Product Details

Purification: Affinity Purified

## Target Details

Target: NK2 Homeobox 5 (NKX2-5)

Alternative Name: NKX2.5 ([NKX2-5 Products](#))

Molecular Weight: 35 kDa

NCBI Accession: [NP\\_004378](#)

Pathways: [Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

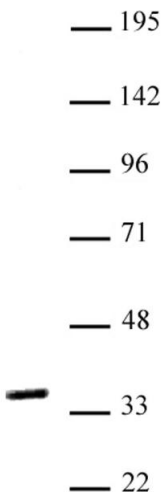
Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



**Western Blotting**

**Image 1.** NKX2.5 antibody (pAb) tested by Western blot Nuclear extract of human heart cells (20 µg) probed with NKX2.5 antibody (1:1,000).